

· 4-21-04

WSHU 2064.1 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Ţ

Application of Michael M. Neff Serial No. 10/650,249 Filed August 28, 2003 Confirmation No. 7302 Art Unit 1638

GENE FOR A DOF TRANSCRIPTION FACTOR CAPABLE OF ALTERING THE SIZE AND

STATURE OF A PLANT

April 20, 2004

COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VIRGINIA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicant submits the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein. In accordance with the OG notice of August 5, 2003 partially waiving the requirements of 37 C.F.R. 1.98(a)(2)(i), copies of the U.S. patent documents are not supplied. Applicant submits herewith copies of the foreign patent documents/literature references.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b) in that applicant believes that it is being filed prior to the mailing date of the first Office action on the merits. Accordingly, neither a statement nor a fee under 37 C.F.R. §1.97(c) or (d) is required. However, if an Office action was issued prior to the date of mailing of this Information Disclosure Statement, the Commissioner is hereby authorized to charge any required fees regarding this Information Disclosure Statement to Deposit Account No. 19-1345.

Respectfully submitted,

Timothy B. McBride, Reg. No. 47,781

SENNIGER, POWERS, LEAVITT & ROEDEL

One Metropolitan Square, 16th Floor

St. Louis, Missouri 63102

(314) 231-5400

TBM/sxm

Express Mail Label No. EV 432651304 US

Complete if Known PTO/SB/08A **Application Number** 10/650,249 August 28, 2003 Filing Date 7302 **Confirmation Number** (use as many sheets as necessary) Michael M. Neff First Named Inventor 1638 Group Art Unit **TBD Examiner Name** WSHU 2064.1 Attorney Docket No. 12 1 of Sheet

			U.:	S. PATENT	DOCUMENTS		
			U.S. Patent Docu	ment	-	Date of Publication of Cited Document MM-DD-YYYY	
Examiner Initials*	Cite No. ¹		Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document		
	1	4,987,0	71		Cech et al.	01-22-1991	
	2	5,106,7	39	Α	Comai et al.	04-21-1992	
	3	5,107,0		Α	Shewmaker et al.	04-21-1992	
	4	5,116,7		Α	Cech et al.	05-26-1992	
	5	5,254,8		A	Bird et al.	10-19-1993	
	6	5,880,3		А	Weigel et al.	03-09-1999	
				EIGN PATE	NT DOCUMENTS		
	T	F	oreign Patent Do	cument			
Examiner Initials*	Cite No.1	Office	Number⁴	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶

Date Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

PTO/SB/	/08A			Complete if Known		
IN	FORMATION	DISC	LOSURE	Application Number	10/650,249	
	TATEMENT B			Filing Date	August 28, 2003	
luse	e as many she	ets as	necessary)	Confirmation Number	7302	
(400	, ao many ama		•	First Named Inventor	Michael M. Neff	
				Group Art Unit	1638	
				Examiner Name	TBD	
Sheet	2	of	12	Attorney Docket No.	WSHU 2064.1 .	

	-	OTHER ART - NON PATENT LITERATURE DOCUMENTS	·—
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T⁵
·	7	AINLEY, W.M., et al., "Development of a heat shock inducible expression cassette for plants: Characterization of parameters for its use in transient expression assays," Plant Mol Biol, 1990, pp. 949-967, Vol. 14, Kluwer Academic Publishers, Belgium	
	8	ARKIN, A.P., et al., "An algorithm for protein engineering: Simulations of recursive ensemble mutagenesis," PNAS, Aug. 1992, pp. 7811-7815, Vol. 89, National Academy of Sciences	
	9	ASCH, D.K., et al., "Relationship of vector insert size to homologous integration during transformation of <i>Neurospora crassa</i> with the cloned <i>am</i> (GDH) gene," Mol Gen Genet, 1990, pp. 37-43, Vol. 221(1), Springer International	
	10	ASCH, D.K., et al., "Analysis of Junction Sequences Resulting From Integration at Nonhomologous Loci in <i>Neurospora crassa</i> ," Genetics, April 1992, pp. 737-748, Vol. 130	
	11	ATANASSOVA, R., et al., "A 126 bp fragment of a plant histone gene promoter confers preferential expression in meristems of transgenic <i>Arabidopsis</i> ," The Plant J, 1992, pp. 291-300, Vol. 2(3), BIOS Scientific Publishers Ltd., Blackwell Scientific Publications, Oxford, England	
	12	BACK, E., et al., "Isolation of the spinach nitrite reductase gene promoter which confers nitrate inducibility on GUS gene expression in transgenic tobacco," Plant Mol Biol, 1991, pp. 9-18, Vol. 17, Kluwer Academic Publishers, Belgium	
	13	BARTEL, D.P., et al., "Isolation of New Ribozymes from a Large Pool of Random Sequences," Science, Sep. 10, 1993, pp. 1411-1418, Vol. 261(5127), American Society for the Advancement of Science	
	14	BECHTOLD, N., et al., "In-planta Agrobacterium-mediated gene transfer by infiltration of adult Arabidopsis thaliana plants," C R Acad Sci Ser III, 1993, pp. 1194-1199, Vol. 316	
	15	BECKER, D., et al., "Fertile transgenic wheat from microprojectile bombardment of scutellar tissue," The Plant J, 1994, pp. 299-307, Vol. 5(2), BIOS Scientific Publishers Ltd., Blackwell Scientific Publications, Oxford, England	

Examiner	Date	·
Signature	Considered	
Oignatare		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached.

PTO/SB	/08A			Complete if Known		
IN	IFORMATION	חופר	I OSURF	Application Number	10/650,249	
	TATEMENT B			Filing Date	August 28, 2003	
luse	e as many she	ets as	necessary)	Confirmation Number	7302	
(400	, 40 111411, 4114		,,	First Named Inventor	Michael M. Neff	
				Group Art Unit	1638	
				Examiner Name	TBD	
Sheet	3	of	12	Attorney Docket No.	WSHU 2064.1	

16	BEVAN, M., "Binary <i>Agrobacterium</i> vectors for plant transformation," Nucl Acids Res, 1984, pp.8711-8721, Vol. 12(22), IRL Press Limited, Oxford, England
17	BITTER, G.A., et al., "Expression and Secretion Vectors for Yeast," Methods in Enzymology, 1987, pp. 516-544, Vol. 153, Academic Press, Inc.
18	BOWER, R., et al., "Transgenic sugarcane plants via microprojectile bombardment," The Plant J, 1992, pp. 409-416, Vol. 2(3), BIOS Scientific Publishers Ltd., Blackwell Scientific Publications, Oxford, England
19	BRISSON, N., et al., "Expression of a bacterial gene in plants by using a viral vector," Nature, Aug. 9, 1984, pp. 511-514, Vol. 310
20	BROGLIE, R., et al., "Light-Regulated Expression of a Pea Ribulose-1,5-bisphosphate Carboxylase Small Subunit Gene in Transformed Plant Cells," Science, May 25, 1984, pp. 838-843, Vol. 224(4651), American Association for the Advancement of Science
21	BUSTOS, M.M., "Positive and negative <i>cis</i> -acting DNA domains are required for spatial and temporal regulation of gene expression by a seed storage protein promoter," EMBO J, 1991, pp. 1469-1479, Vol. 10(6), Oxford University Press
22	BYTEBIER, B., et al., "TDNA organization in tumor cultures and transgenic plants of the monocotyledon Asparagus officinalis," PNAS, 1987, pp. 5345-5349, Vol. 84, National Academy of Sciences
23	CADDICK, M.X., et al., "An Ethanol inducible gene switch for plants used to manipulate carbon metabolism," Nature Biotechnology, Feb. 1998, pp. 177-180, Vol. 16
24	CASAS, A.M., et al., "Transgenic sorghum plants via microprojectile bombardment," PNAS, Dec. 1993, pp. 11212-11216, Vol. 90, National Academy of Sciences
25	CHILTON, —D., et al., "Stable Incorporation of Plasmid DNA into Higher Plant Cells: the Molecular Basis of Crown Gall Tumorigenesis," Cell, June 1977, pp. 263-271, Vol. 11, MIT
26	CHRISTOU, P., et al., "Production of transgenic rice (<i>Oryza sativa L</i> .) plants from agronomically important <i>indica</i> and <i>japonica</i> varieties via electric discharge particle acceleration of exogenous DNA into immature zygotic embryos," Bio/Technology, 1991, pp. 957-962, Vol. 9, Nature Publishing Company, New York, New York
	17 18 19 20 21 22 23 24 25

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

PTO/SE	3/08A			Complete if Known		
11	NFORMATION	DISC	LOSURE	Application Number	10/650,249	
	STATEMENT B			Filing Date	August 28, 2003	
(us	e as many shee	ets as	s necessary)	Confirmation Number	7302	
`				First Named Inventor	Michael M. Neff	
				Group Art Unit	1638	
				Examiner Name	TBD	
Sheet	4	of	12	Attorney Docket No.	WSHU 2064.1	

107	CURISTON D. et al. "The Rietechnology of Cron Logumos." Europytica, 1004, pp. 465-495, Vol. 74
27	CHRISTOU, P., et al., "The Biotechnology of Crop Legumes," Euphytica, 1994, pp. 165-185, Vol. 74
28	COONEY, M., et al., "Site-Specific Oligonucleotide Binding Represses Transcription of the Human c-myc Gene <i>in vitro</i> ," Science, July 22, 1988, pp. 456-459, Vol. 241(4864), American Society for the Advancement of Science
29	CORUZZI, G., et al., "Tissue-specific and light-regulated expression of Spea nuclear gene encoding the small subunit of ribulose-1,5-bisphosphate carboxylase," EMBO J, 1984, pp. 1671-1679, Vol. 3(8), IRL Press Ltd., Oxford, England
30	CROSSWAY, A., et al., "Transformation of tobacco protoplasts by direct DNA microinjection," Mol. Gen., 1986, pp. 179-185, Vol. 202
31	CROY, E.J., et al., "Chapter 2 Plant Nucleic Acids," Plant Molecular Biology LabFax, 1993, pp. 21-48, R.R.D. Croy, ed., BIOS Scientific Publishers Ltd., Oxford, England
32	De BLOCK, M., et al., "Expression of foreign gees in regenerated plants and in their progeny," EMBO J., 1984, pp. 1681-1689, Vol. 3(8), IRL Press Ltd., Oxford, England
33	de FRAMOND, A.J., et al., "Mini-Ti: A New Vector Strategy for Plant Genetic Engineering," Bio/Technology, May 1983, pp. 262-269, Nature Publishing Company, New York, New York
34	De PAOLIS, A., et al., "A <i>rolB</i> regulatory factor belongs to a new class of single zinc finger plant proteins," The Plant J, 1996, pp. 215-223, Vol. 10(2), BIOS Scientific Publishers Ltd., Blackwell Scientific Publications, Oxford, England
35	de la PEÑA, A., et al., "Transgenic rye plants obtained by injecting DNA into young floral tillers," Nature, January 15, 1987, pp. 274-276, Vol. 325
36	DELAGRAVE, S., et al., "Recursive ensemble mutagenesis," Prot Eng, 1993, pp. 327-331, Vol. 6(3), Oxford University Press
37	DEPICKER, A., et al., "Nopaline synthase transcript mapping and DNA sequence," J Mol Appl Gen, 1982, pp. 561-573, Vol. 1(6), Raven Press, New York
38	DOYLE, J.J., et al., "The Glycosylated Seed Storage Proteins of Glycine max and Phaseolus vulgaris," J. Biol. Chem., July 15, 1986, pp. 9228-9238, Vol. 261(20)

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

PTO/SB	/08A			Complete if Known		
in	IFORMATION	DISC	I OSURE	Application Number	10/650,249	
	TATEMENT E			Filing Date	August 28, 2003	
(use	e as many she	ets as	necessary)	Confirmation Number	7302	
(5.5.5	,		• ,	First Named Inventor	Michael M. Neff	
				Group Art Unit	1638	
				Examiner Name	TBD	
Sheet	5	of	12	Attorney Docket No.	WSHU 2064.1	

39	FISK, H.J., et al., "The introduction and expression of transgenes in plants," Sci Hort, 1993, pp. 5-36, Vol. 55, Elsevier Science Publishers B.V., Amsterdam
40	FRALEY, R.T., et al. "Lipisome-mediated delivery of tobacco mosaic virus rna into tobacco protoplasts: A sensitive assay for monitoring liposome-protoplast interactions," PNAS, Mar. 15, 1982, pp. 1859-1863, Vol. 79(6), National Academy of Sciences
41	FRALEY, R.T., et al. "Expression of bacterial genes in plant cells," PNAS, Aug. 1, 1983, pp. 4803-4807, Vo. 80(15), National Academy of Sciences
42	FROMM, M., et al., "Expression of genes transferred into monocot and dicot plant cells by electroporation," PNAS, Sep. 1, 1985, pp. 5824-5828, Vol. 82(17), National Academy of Sciences
43	FROMM, M., et al., "Inheritance and Expression of Chimeric Gene in the Progeny of Transgenic Maize Plants," Bio/Technology, September 1990, pp. 833-839, Vol. 8, Nature Publishing Company, New York, New York
44	GASSER, C.S., et al., "Genetically engineered plants for crop improvement," Science, June 16, 1989, pp. 1293-1299, Vol. 244, American Society for the Advancement of Science
45	GIELEN, J., et al., "The complete nucleotide sequence of the TL-DNA of the <i>Agrobacterium tumefaciens</i> plasmid pTiAch5," EMBO J, 1984, pp. 835-846, Vol. 3(4), IRL Press Limited, Oxford, England
46	GORDON-KAMM, W.J., et al., "Transformation of Maize Cells and Regeneration of Fertile Transgenic Plants," Plant Cell, July 1990, pp. 603-618, Vol. 2
 47	GOWDA, S., et al., "Identification of Promoter Sequences for the Major RNA Transcripts of Figwort Mosaic and Peanut Chlor Streak Viruses (<i>Caulimovirus</i> Group)," J Cell Biochem, 1989, pp. 301, Supplement 13D, UCLA Symposia on Molecular & Cellular Biology (Abstract M318)
 48	GURLEY, et al., "Upstream Sequences Required for Efficient Expression of a Soybean Heat Shock Gene," Mol Cell Biol, Feb. 1986, pp. 559-565, Vol. 6(2)
49	HAJDUKIEWICZ, P., et al., "The small, versatile <i>pPZP</i> family of <i>Agrobacterium</i> binary vectors for plant transformation," Plant Mol Biol, 1994, pp. 989-994, Vol. 25, Kluwer Academic Publishers, Belgium

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

PTO/SB	/08A			Complete if Known		
IN	IFORMATION	DISC	LOSURE	Application Number	10/650,249	
	TATEMENT B			Filing Date	August 28, 2003	
luse	e as many shee	ets as	necessary)	Confirmation Number	7302	
(400	, 40		•	First Named Inventor	Michael M. Neff	
				Group Art Unit	1638	
				Examiner Name	TBD	
Sheet	6	of	12	Attorney Docket No.	WSHU 2064.1	

50	HASELOFF, J., et al., "Simple RNA enzymes with new and highly specific endoribonuclease activities," Nature, August 18, 1988, pp. 585-591, Vol. 334
51	HEMPEL, F.D., et al., "Floral determination and expression of floral regulatory genes in <i>Arabidopsis</i> ," Development, 1997, pp. 3845-3853, Vol. 124, The Company of Biologists Limited, Great Britain
52	HERSHEY, H.P., et al., "Isolation and characterization of cDNA clones for RNA species induced by substituted benzenesulfonamides in corn," Plant Mol Biol, 1991, pp. 679-690, Vol. 17, Kluwer Academic Publishers, Belgium
53	HOEKEMA, A., et al., "A binary plant vector strategy based on separation <i>vir</i> - and T-region of the <i>Agrobacterium tumefaciens</i> Ti-plasmid," Nature, May 12, 1983, pp. 179-180, Vol. 303
54	HOOYKAAS-VAN SLOGTEREN, G.M.S., et al., "Expression of Ti plasmid genes in monocotyledonous plants infected with <i>Agrobacterium tumefaciens</i> ," Nature, October 25, 1984, pp. 763-764, Vol. 311
55	HORN, M.E., et al., "Transgenic plants of Orchardgrass (<i>Dactylis glomerata</i> L.) from protoplasts," Plant Cell Reports, 1988, pp. 469-472, Vol. 7(7)
 56	HORSCH, R.B., et al., "A Simple and General Method for Transferring Genes into Plants," Science, March 8, 1985, pp. 1229-1231, Vol. 227(4691), American Society for the Advancement of Science
57	IKE, Y., et al., "Solid phase synthesis of polynucleotides. VIII. Synthesis of mixed oligodeoxyribonucleotides by the phosphotriester solid phase method ¹ ," Nucl Acids Res, 1983, pp. 477-488, Vol. 11(2)
58	ITAKURA, K., et al., "Expression in <i>Escherichia coli</i> of a Chemically Synthesized Gene for the Hormone Somatostatin," Science, Dec. 9, 1977, pp. 1056-1063, Vol. 198(4321), American Society for the Advancement of Science
59	ITAKURA, K., et al., "Synthesis and use of synthetic oligonucleotides," Annual Rev Biochem, 1984, pp. 323-356, Vol. 53, Annual Reviews, Inc., Palo Alto, California
60	ITO, M., et al., "Meristem-specific gene expression directed by the promoter of the S-phase-specific gene, <i>cyc07</i> , in transgenic <i>Arabidopsis</i> ," Plant Mol Biol, 1994, pp. 863-878, Vol. 24, Kluwer Academic Publishers, Belgium

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an ^{*}A^{*} here if English language abstract is attached.

PTO/SB/	/08A			Complete if Known		
in	IFORMATION	DISC	I OSURF	Application Number	10/650,249	
	TATEMENT B			Filing Date	August 28, 2003	
(use	e as many shee	ets as	necessary)	Confirmation Number	7302	
(333	, 		•,	First Named Inventor	Michael M. Neff	
				Group Art Unit	1638	
				Examiner Name	TBD	
Sheet	7	of	12	Attorney Docket No.	WSHU 2064.1	

61	JACK, T., et al., "Arabidopsis Homeotic Gene <i>APETALA3</i> Ectopic Expression: Transcriptional and Postranscriptional Regulation Determine Floral Organ Identity," Cell, Feb. 25, 1994, pp. 703-716, Vol. 76
62	KAKIMOTO, T., "CKI1, a Histidine Kinase Homolog Implicated in Cytokinin Signal Transduction," Science, November 8, 1996, pp. 982-985, Vol. 274(5289), American Society for the Advancement of Science
63	KANG, H-G, et al., "Characterization of salicylic acid-responsive, Arabidopsis Dof domain proteins: overexpression of OBP3 leads to growth defects," The Plant J, 2000, pp. 329-339, Vol. 21(4), BIOS Scientific Publishers Ltd., Blackwell Scientific Publications, Oxford, England
64	KLEE, H., et al., "Agrobacterium-mediated Plant Transformation and its Further Applications to Plant Biology," Ann. Rev. Plant Physiol., 1987, pp. 467-486, Vol. 38, Annual Reviews Inc., Palo Alto, California
65	KLEIN, T.M., et al., "High-velocity microprojectiles for delivering nucleic acids into living cells," Nature, May 7, 1987, pp. 70-73, Vol. 327, Nature Publishing Group
66	KNUTZON, D.S., et al., "Modification of <i>Brassica</i> seed oil by antisense expression of a stearoyl-acyl carrier protein desaturase gene," PNAS, April 1992, pp. 2624-2628, Vol. 89, National Academy of Sciences
67	KOZIEL, M.G., et al., "Field Performance of Elite Transgenic Maize Plants Expressing an Insecticidal Protein Derived from <i>Bacillus thuringiensis</i> ," Bio/Technology, Feb. 11, 1993, pp. 194-200, Vol. 11, Nature Publishing Company, New York, New York
68	KRENS, F.A., et al., "In vitro transformation of plant protoplasts with Ti-plasmid DNA," Nature, March 4, 1982, pp. 72-74, Vol. 296, Nature Publishing Group
69	LAM, E., et al., "GT-1 Binding Site Confers Light Responsive Expression in Transgenic Tobacco," Science, Apr. 27, 1990, pp. 471-474, Vol. 248(4954), American Society for the Advancement of Science
70	LAWTON, M.A., et al., "Expression of a soybean ß-conclycinin gene under the control of the Cauliflower Mosaic Virus 35S and 19S promoters in transformed petunia tissues," Plant Mol Biol, 1987, pp. 315-324, Vol. 9, Matinus Nijhoff Publishers, Dordrecht, The Netherlands

	miner	Date	
Sign	nature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

PTO/SE	3/08A			Complete if Known	
	NFORMATION	DISC	LOSURE	Application Number	10/650,249
S	STATEMENT B	Y AP	PLICANT	Filing Date	August 28, 2003
(us	e as many she	ets as	s necessary)	Confirmation Number	7302
				First Named Inventor	Michael M. Neff
				Group Art Unit	1638
				Examiner Name	TBD
Sheet	8	of	12	Attorney Docket No. WSHU 2064.1	

•	71	LÖRZ, H., et al., "Gene transfer to cereal cells mediated by protoplast transformation," Mol Gen Genet, 1985, pp. 178-182, Vol. 199, Springer International					
	72 LUO, Z-X., et al., "A Simple Method for the Transformation of Rice Via the Pollen-Tube Pathway Plant Mol Biol Reporter, 1988, pp. 165-174, Vol. 6(3)						
	MARTINEZ, M.C., et al., "Spatial pattern of <i>cdc2</i> expression in relation to meristem activity and cell proliferation during plant development," PNAS, Aug. 1992, pp. 7360-7364, Vol. 89, National Acader of Sciences						
	MEDFORD, J.I., et al., "Molecular Cloning and Characterization of Genes Expressed in Shoot Apica Meristems," The Plant Cell, April 1991, pp. 359-370, Vol. 3						
	METT, V.L., et al., "Copper-controllable gene expression system for whole plants," PNAS, May 19 pp. 4567-4571, Vol. 90, National Academy of Sciences						
	MOL, J.N.M., et al., "Regulation of plant gene expression by antisense RNA," FEBS Letter, Au 1990, pp. 427-430, Vol. 268(2), Elsevier Science Publishers B.V., Amsterdam						
	77	MOSER, H.E., et al., "Sequence-Specific Cleavage of Double Helical DNA by Triple Helix Formation," Science, Oct. 30, 1987, pp. 645-650, Vol. 238, American Society for the Advancement of Science					
	78	NAGEL, R., et al., "Electroporation of binary Ti plasmid vector into Agrobacterium tumefaciens and Agrobacterium rhizogenes," FEMS Microbiology Letters, 1990, pp. 325-328, Vol. 67(3), Elsevier Science Publishers, Amsterdam					
	79	NARANG, S.A., "DNA Synthesis," Tetrahedron, 1983, pp. 3-22, Vol. 39(1), Pergamon Press, Oxford, England					
	NEFF, M.M., et al., "Genetic Interactions between Phytochrome A, Phytochrome B, and Cryptochrome 1 during Arabidopsis Development ¹ ," Plant Physiol, 1998, pp. 27-36, Vol. 118, American Society of Plant Physiologists, Rockville, MD						
	81	NEFF, M.M., et al., "BAS1: A gene regulating brassinosteroid levels and light responsiveness in Arabidopsis," PNAS, December 21, 1999, pp. 15316-15323, Vol. 96(26), National Academy of Sciences					
	82	NEFF, M.M., et al., "Light: an indicator of time and place," Genes & Development, 2000, pp. 257-271, Vol. 14, Cold Spring Harbor Press					

		r
Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

PTO/SB	/08A		-	Complete if Known		
	IFORMATION	DISC	LOSURE	Application Number	10/650,249	
	TATEMENT B			Filing Date	August 28, 2003	
(use	e as many shee	ets as	necessary)	Confirmation Number	7302	
				First Named Inventor	Michael M. Neff	
				Group Art Unit	1638	
				Examiner Name	TBD	
Sheet	9	of	12	Attorney Docket No.	WSHU 2064.1	

83	ODELL, J.T., et al., "Identification of DNA sequences required for activity of the cauliflower mosaic virus 35S promoter," Nature, February 28, 1985, pp. 810-815, Vol. 313		
. 84	OU-LEE, T-M, et al., "Expression of a foreign gene linked to either a plant-virus or a <i>Drosophila</i> promoter, after electroporation of protoplasts of rice, wheat, and sorghum," PNAS, September 1986, pp. 6815-6819, Vol. 83, National Academy of Sciences		
85	PAPI, M., et al., "Identification and disruption of an <i>Arabidopsis</i> zinc finger gene controlling seed germination," Genes & Development, 2000, pp. 28-33, Vol. 14, Cold Spring Harbor Laboratory Press		
86	PAPI, M., et al., "Inactivation of the Phloem-Specific Dof Zinc Finger Gene <i>DAG1</i> Affects Response to Light and Integrity of the Testa of Arabidopsis Seeds ¹ ," Plant Physiol, Feb. 2002, pp. 411-417, Vol. 128, American Society of Plant Physiologists, Rockville, MD		
PENG, J., et al., "Green Revolution' genes encode mutant gibberellin response modula July 15, 1999, pp. 256-261, Vol. 400			
PLESCH, G., et al., "Involvement of TAAAG elements suggests a role for Dof transcription guard cell-specific gene expression," The Plant J, 2001, pp. 455-464, Vol. 28(4), BIOS Sepublishers Ltd., Blackwell Scientific Publications, Oxford, England			
89	PRASEUTH, D., et al., "Sequence-specific binding and photocrosslinking of α and β oligodeoxynucleotides to the major groove of DNA via triple-helix formation," PNAS, March 1988, pp. 1349-1353, Vol. 85, National Academy of Sciences		
90	REED, J.W., et al., "Mutations in the Gene for the Red/Far-Red Light Receptor Phytochrome B Alter Cell Elongation and Physiological Responses throughout Arabidopsis Development," The Plant Cell, February 1993, pp. 147-157, Vol 5		
91	RICHINS, R.D., et al., "Sequence of figwort mosaic virus DNA (caulimovirus group)," Nucleic Acids Research, 1987, pp. 8451-8466, Vol 15(20), Oxford University Press		
92	REICHMANN, J.L., et al., "A genomic perspective on plant transcription factors," Current Opinion in Plant Biology, 2000, pp. 423-434, Vol. 3		
93	RHODES, C.A., et al., "Genetically Transformed Maize Plants from Protoplasts," Science, April 8, 1988, pp. 204-207, Vol. 240, American Society for the Advancement of Science		

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

PTO/SB	/08A			Complete if Known		
IN	FORMATION	DISC	LOSURE	Application Number	10/650,249	
s	TATEMENT B	Y AP	PLICANT	Filing Date	August 28, 2003	
(use as many sheets as necessary)				Confirmation Number	7302	
				First Named Inventor	Michael M. Neff	
				Group Art Unit	1638	
				Examiner Name	TBD	
Sheet	10	of_	12	Attorney Docket No. WSHU 2064.1		

 	•	
94	RUVKUN, G.B., et al., "A general method for site-directed mutagenesis in prokaryotes," Nature, January 8, 1981, pp. 85-91, Vo. 289(1)	
95	ST. SCHELL, J., "Transgenic Plants as Tools to Study the Molecular Organization of Plant Genes," Science, September 4, 1987, pp. 1176-1183, Vol. 237, American Society for the Advancement of Science	
96	SCHENA, M., et al., "A steroid-inducible gene expression system for plant cells," PNAS, December 1991, pp. 10421-10425, Vol. 88	
97	SEVERIN K., et al., "heat-inducible hygromycin resistance in transgenic tobacco," Plant Mol Biol, 1990, pp. 827-833, Vol. 15, Kluwer Academic Publishers, Belgium	
98	SHIMAMOTO, K., et al., "Fertile transgenic rice plants regenerated from transformed protoplasts," Nature, March 16, 1989, pp. 274-276, Vol. 338	
99	SOMERS, D.A., et al., "Fertile, Transgenic Oat Plants," Bio/Technology, December 1992, pp. 1589-1594, Vol. 10, Nature Publishing Company, New York, New York	
100	STAYTON, M., et al., "High-level, Seed-specific Expression of Foreign Coding Sequences in <i>Brassica napus</i> ," Aust J Plant Physiol, 1991, pp. 507-517, Vol. 18	
101	TAKAMATSU, N., et al., "Expression of Bacterial chloramphenicol acetyltransferase gene in tobacco plants mediated by TMV-RNA," EMBO J, 1987, pp. 307-311, Vol. 6(2), IRL Press Ltd., Oxford, England	
102	TATUSOV, R.L., et al., "A Genomic Perspective on Protein Families," Science, October 24, 1997, pp. 631-637, Vol. 278, American Society for the Advancement of Science	
103	TERADA, R., et al., "A wheat histone H3 promoter confers cell division-dependent and -independent expression of the <i>gus A</i> gene in transgenic rice plants," The Plant J, 1993, pp. 241-252, Vol. 3(2), BIOS Scientific Publishers Ltd., Blackwell Scientific Publications, Oxford, England	
104	TIERNEY, M.L., et al., "Isolation and characterization of a genomic clone encoding the ß-subunit of ß-conglycinin," Planta, 1987, pp. 356-363, Vol. 172, Springer-Verlag International	
105	TORIYAMA, K., et al., "Transgenic Rice Plants After Direct Gene Transfer into Protoplasts," Bio/Technology, September 1988, pp. 1072-1074, Vol. 6, Nature Publishing Company, New York, New York	

	1		
Examiner		Date	
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

PTO/SB	/08A		-	Complete if Known		
l IN	IFORMATION	DISC	LOSURE	Application Number	10/650,249	
s	TATEMENT B	Y AP	PLICANT	Filing Date	August 28, 2003	
(use	as many shee	ets as	necessary)	Confirmation Number	7302	
				First Named Inventor	Michael M. Neff	
				Group Art Unit	1638	
		Examiner Name	TBD			
Sheet	11	of	12	Attorney Docket No. WSHU 2064.1		

	106	VASIL, V., et al., "Herbicide Resistant Fertile Transgenic Wheat Plants Obtained by Microprojectile Bombardment of Regenerable Embryogenic Callus," Bio/Technology, June 1992, pp. 667-674, Vol. 10, Nature Publishing Company, New York, New York
	107	VELTEN, J., et al., "Isolation of a dual plant promoter fragment from the Ti plasmid of <i>Agrobacterium tumefaciens</i> ," EMBO J, 1984, pp. 2723-2730, Vol. 3(12), IRL Press Ltd., Oxford, England
	108	VINCENTE-CARBAJOSA, J., et al., "A Maize Zinc-Finger Protein Binds the Prolamin Box in Zein Gene Promoters and Interacts with the Basic Leucine Zipper Transcriptional Activator Opaque2," PNAS, July 1997, pp. 7685-7690, Vol. 94, The National Academy of Sciences
	109	WALDEN, R., et al., "Activation tagging: a means of isolating genes implicated as playing a role in plant growth and development," Plant Mol Biol, 1994, pp. 1521-1528, Vol. 26, Kluwer Academic Publishers, Belgium
,	110	WAN, Y., et al., "Generation of Large Numbers of Independently Transformed Fertile Barley Plants ¹ ," Plant Physiol, 1994, pp. 37-48, Vol. 104(1-4), American Society of Plant Physiologists, Rockville, MD
111 Direct Gene Transfer t		WANG, Z-Y., et al., "Transgenic Plants of Tall Fescue (<i>Festuca Arundinacea</i> Schreb.) Obtained by Direct Gene Transfer to Protoplasts," Bio/Technology, June 1992, pp. 691-696, Vol. 10, Nature Publishing Company, New York
	112	WASHIO, K., "Identification of Dof proteins with implication in the gibberellin-regulated expression of a peptidase gene following the germination of rice grains," Biochimica et Biophysica Acta, 2001, pp. 54-62, Vol. 1520, Elsevier Science Publishers, Amsterdam
	113	WEEKS, J.T., et al., "Rapid Production of Multiple Independent Lines of Fertile Transgenic Wheat (<i>Triticum aestivum</i>) ¹ ," Plant Physiol, 1993, p. 1077-1084, Vol. 102, American Society of Plant Physiologists, Rockville, MD
WEINTRAUB, H., et al., "Anti-Sense RNA as a molecular tool for genetic analys 1985, pp. 22-25, Vol. 1		WEINTRAUB, H., et al., "Anti-Sense RNA as a molecular tool for genetic analysis," TIG, January 1985, pp. 22-25, Vol. 1
WEIGEL, D., et al., "Activation Tagging in Arabidopsis ¹ ," Plant Physiol, April 2000, p Vol. 122, American Society of Plant Physiologists, Rockville, MD		WEIGEL, D., et al., "Activation Tagging in Arabidopsis ¹ ," Plant Physiol, April 2000, pp. 1003-1013, Vol. 122, American Society of Plant Physiologists, Rockville, MD
	116	WISSENBACH, M., et al., "Myb Genes from Hordeum vulgare: tissue-specific expression of chimeric Myb promoter/Gus Genes in transgenic tobacco," The Plant J, 1993, pp. 411-422, Vol. 4(3), BIOS Scientific Publishers Ltd., Blackwell Scientific Publications, Oxford, England

- 1			1	——————————————————————————————————————	
	Examiner		Da	ate	
	Signature		Co	onsidered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

PTO/SB	/08A			Complete if Known		
10	IFORMATION	N DISC	OSURE	Application Number	10/650,249	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	August 28, 2003	
(use as many sheets as necessary)			necessary)	Confirmation Number	7302	
(acc ac many sees of				First Named Inventor	Michael M. Neff	
				Group Art Unit	1638	
		Examiner Name	TBD			
Sheet	12	of	12	Attorney Docket No.	WSHU 2064.1	

•	117	YAMAGUCHI-SHINOZAKI, K., et al., "Analysis of an ABA-responsive rice gene promoter in transgenic tobacco," Plant Mol Biol, 1990, pp. 905-912, Vol. 15, Kluwer Academic Publishers, Belgium
•	118	YANAGISAWA, S., "A novel DNA-binding domain that may form a single zinc finger motif," Nuc Acids Res, 1995, pp. 3403-3410, Vol. 23(17); Oxford University Press
	119	YANAGISAWA, S., "Dof DNA-binding domains of plant transcription factors contribute to multiple protein-protein interactions," Eur. J. Biochem, 1997, pp. 403-410, Vol. 250
	120	YANAGISAWA, S., et al., "Involvement of Maize Dof Zinc Finger Proteins in Tissue-Specific and Light-Regulated Gene Expression," The Plant Cell, January 1998, pp. 75-89, Vol. 10
	121	YANAGISAWA, S., "Dof1 and Dof2 transcription factors are associated with expression of multiple genes involved in carbon metabolism in maize," The Plant J, 2000, pp. 281-288, Vol. 21(3), BIOS Scientific Publishers Ltd., Blackwell Scientific Publications, Oxford, England
	122	YANAGISAWA, S., et al., "Diversity and similarity among recognition sequences of dof transcription factors," The Plant J, 1999, pp. 209-214, Vol. 17(2), BIOS Scientific Publishers Ltd., Blackwell Scientific Publications, Oxford, England
	123	ZAMBRYSKI, P., et al., "Ti plasmid vector for the introduction of dna into plant cells without alteration of their normal regeneration capacity," EMBO J, 1983, pp. 2143-2150, Vol. 2(12), IRL Press Ltd., Oxford, England
	124	ZHANG, H.M., et al., "Transgenic rice plants produced by electroporation-mediated plasmid uptake into protoplasts," Plant Cell Rep, 1988, pp. 379-384, Vol. 7(6), Springer International
	125	ZHANG, W., et al., "Efficient regeneration of transgenic plants from rice protoplasts and correctly regulated expression of the foreign gene in the plants," Theor Appl Genet, 1988, pp. 835-840, Vol. 76(6), Springer International
	126	ZHONG, H., et al., "Transgenic plants of turfgrass (<i>Agrostis palustris</i> Huds.) from microprojectile bombardment of embryogenic callus," Plant Cell Rep, "1993, pp. 1-6, Vol. 13(1), Springer International

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached.